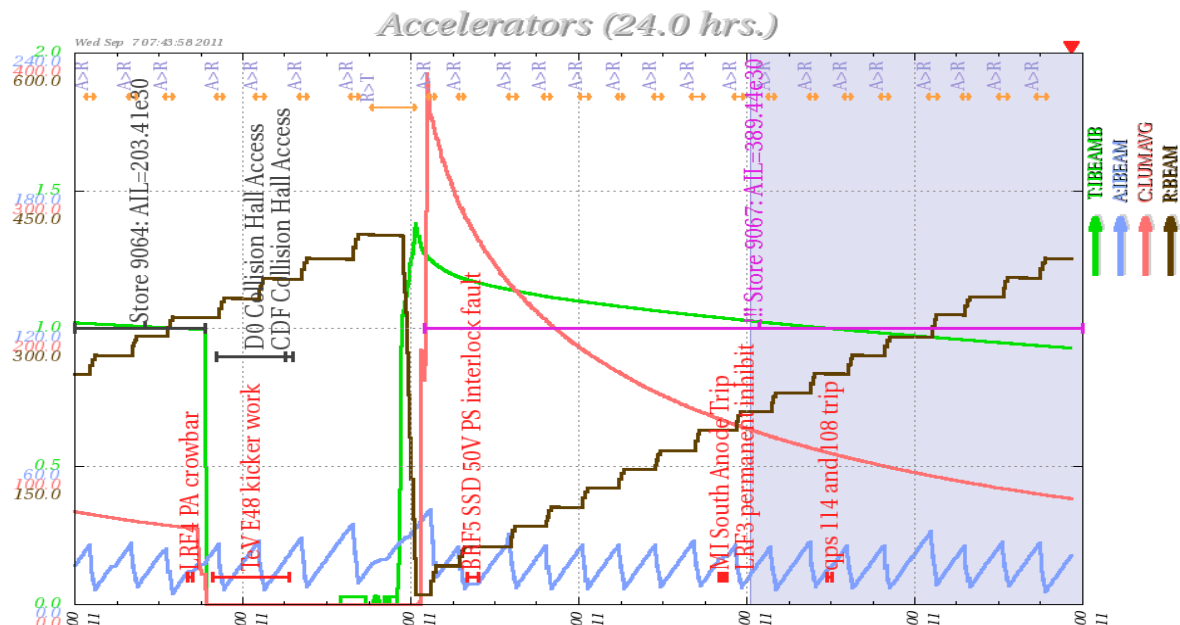


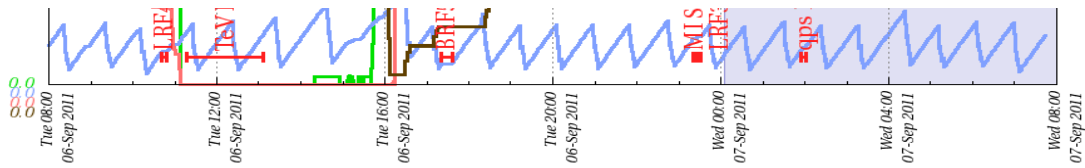
Wednesday, September 07, 2011
7:40 AM

Numbers

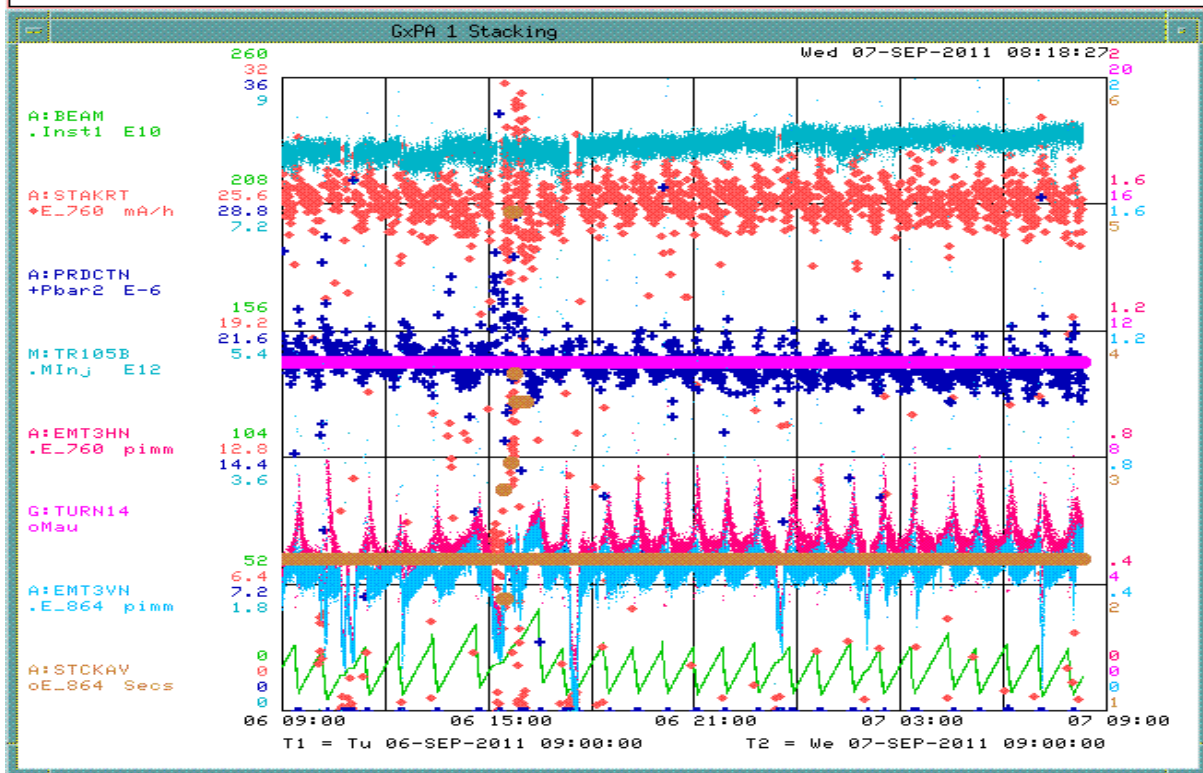
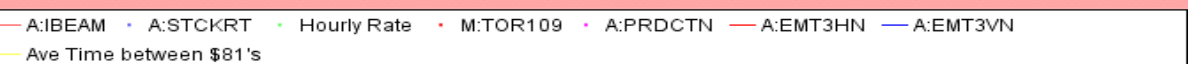
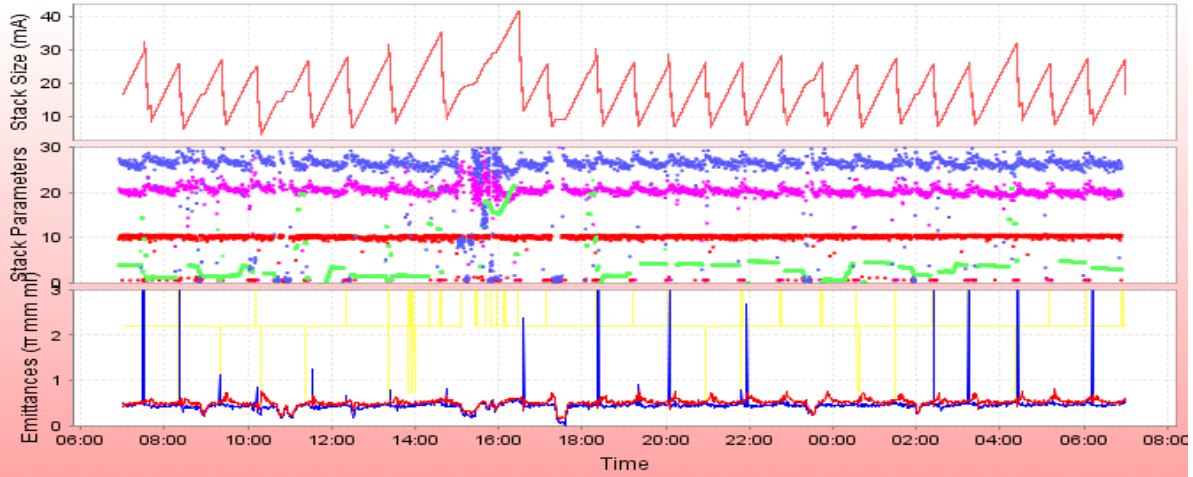
- Stacking
 - Pbars stacked: 571.68 E10
 - Time stacking: 23.73 Hr
 - Average stacking rate: 24.09 E10/Hr
- Uptime
 - Number of pulses while in stacking mode: 38005
 - Number of pulses with beam: 35887
 - Fraction of up pulses was: 94.43%
- The uptime's effect on the stacking numbers
 - Corrected time stacking: 22.41 Hr
 - Possible average stacking rate: 25.52 E10/Hr
 - Could have stacked: 605.42 E10/Hr
- Recycler Transfers
 - Pbars sent to the Recycler: 554.45 E10
 - Number of transfers : 72
 - Number of transfer sets: 24
 - Average Number of transfer per set: 3.00
 - Time taken to shoot including reverse proton tuneup: 00.25 Hr
 - Transfer efficiency: 95.87%
- Other Info
 - Average POT : 8.04 E12
 - Average production: 19.82 pbars/E6 protons

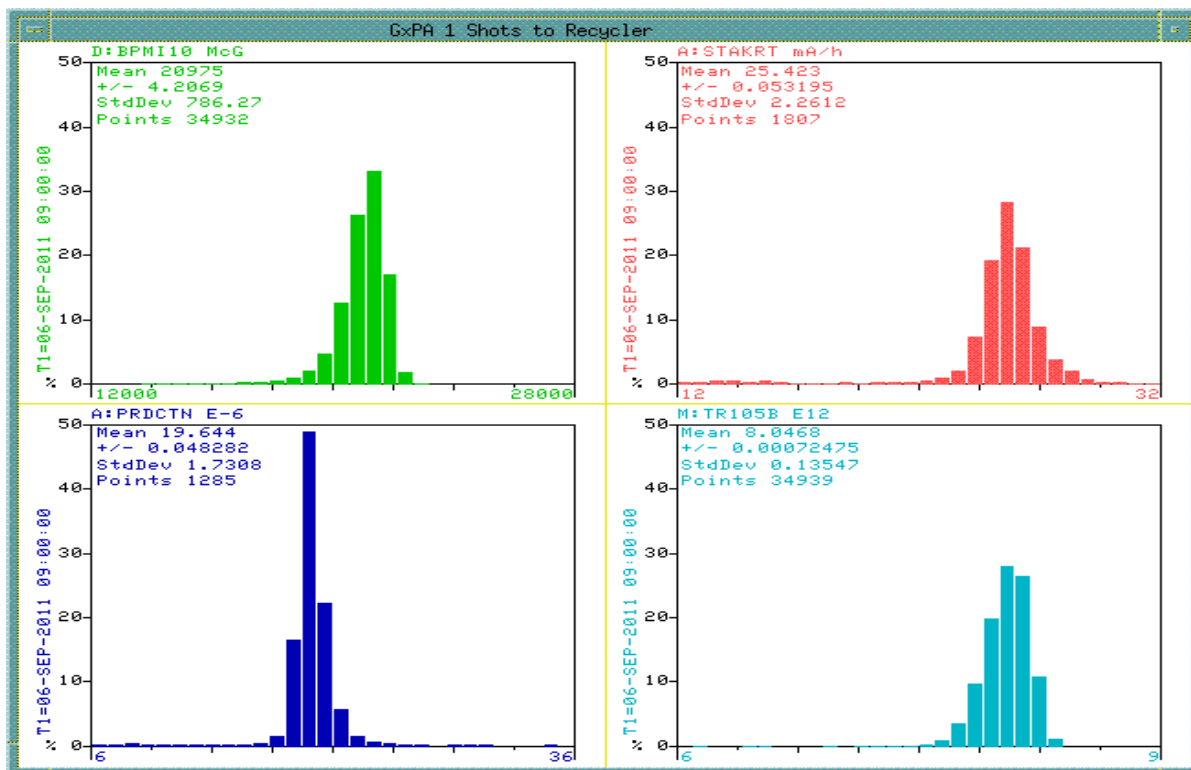
Plots





Tue Sep 06 07:00:00 CDT 2011 -- Wed Sep 07 07:00:00 CDT 2011





Pbar Source Accumulator, Debuncher, AP1, AP2, & AP3 Beamline Views

Program Running: Yes

V:APSMOD: Stacking

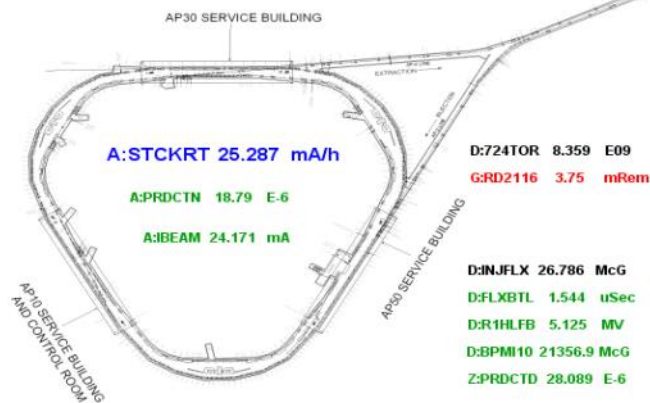
A:IBMINJ 12.516 e07
 A:LFTOVR 1.666 %
 A:STMEDS 10.353 MeV
 A:R1HLFB 29.815 kV

A:FRWDTH 17.416 Hz
 A:CENFRQ 628897. Hz
 A:R2DDS1 628897. Hz

A:EMT3HN 0.541 pimm
 A:EMT3VN 0.493 pimm
 A:XFRNXT 75.0 mA

M:EFF 0.9
 M:TR105B 8.252 E12

G:TURN14 11.0 Turns
 L:14SUM3 9.206 E12



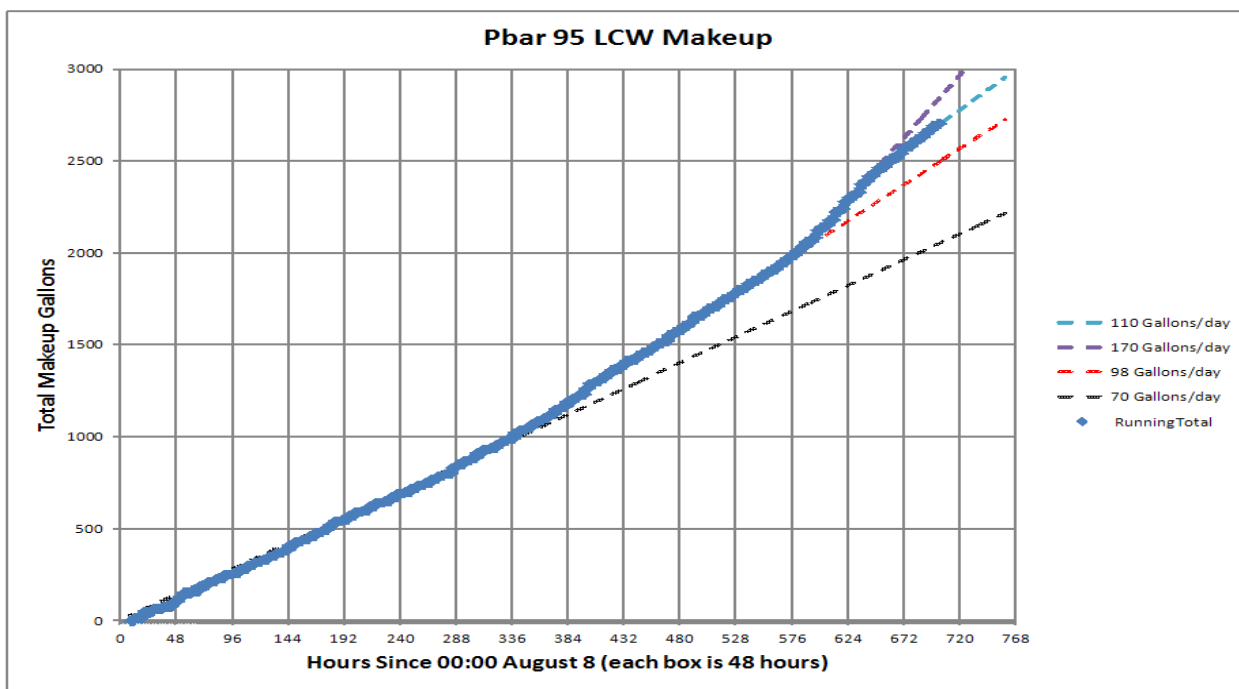
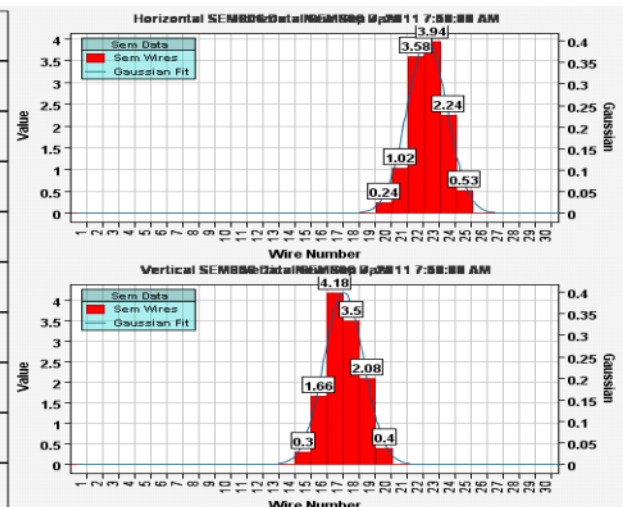
Pbar Beamlines BPM House Status

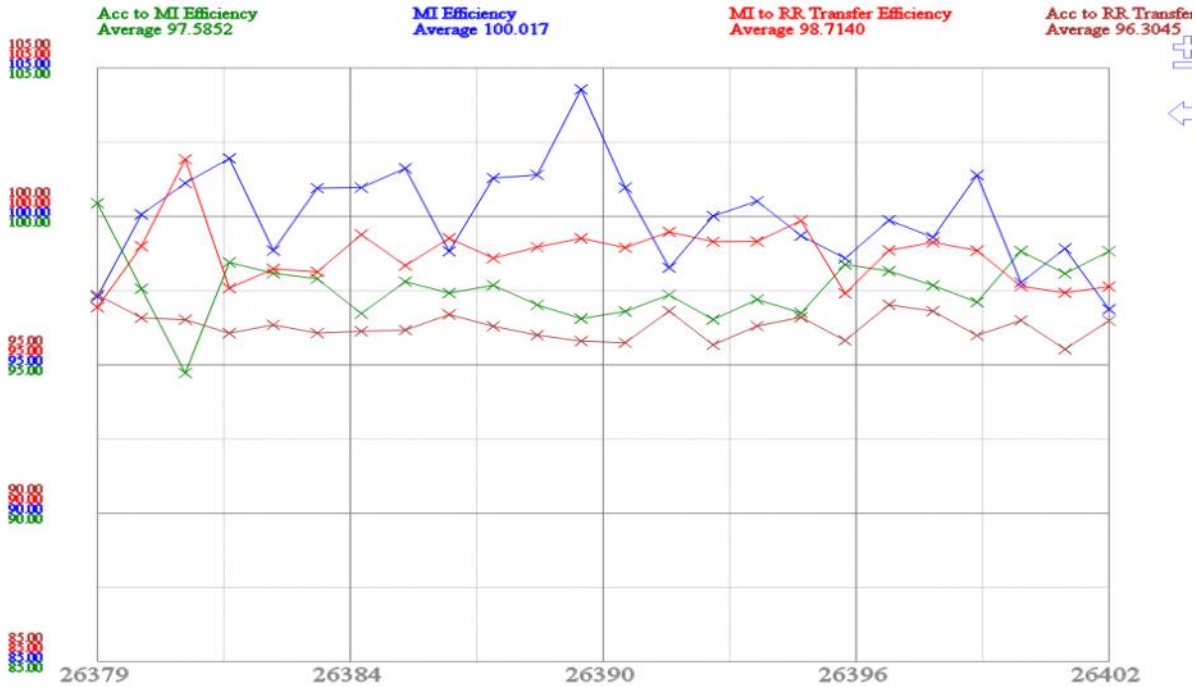
P1
 P2
 AP1
 AP2 F27
 AP2 AP50

0x80 Event Detected
 A:STCKAV 2.2 Secs

Overthruster Status

Horizontal Area New	11.56	Intensity
Horizontal Area Calc	204.95	Intensity
Horizontal Sigma New	3.23	mm
Horizontal Sigma Calc	3.05	mm
Horizontal Mean	23.21	mm
Vertical Area New	12.12	Intensity
Vertical Area Calc	209.68	Intensity
Vertical Sigma New	3.3	mm
Vertical Sigma Calc	3.1	mm
Vertical Mean	7.64	mm





Column 1 Number _0_Pbar Transfer Shot #	Column 4 Number_3_ Transfer Time	Column 21 Number 20_A1 BEAMB sampled on \$91 (A-BEA M7), E10	Column 22 Number 21_A1 BEAMB sampled on \$94 (A-BEA M9), E10	Unstacked (mA)	Column 23 Number 22_R-B EAMS (R-BEA ME0(0)) pre after E10	Column 24 Number 23_R-B EAM (R-BEA ME0(1)) post after, E10	Stashed	Acc to RR Eff	Acc to MI Eff	Acc to MI2 Eff	Acc to MI * Acc to MI2 Efficiency	Trans fers	Sets	Column 5 Number 4_Acc Horizontal Emittanc e	Column 6 Number 5_Acc Vertical Emittanc e	Column 8 Number 7_Acc Longitudi nal Emittanc e	
Totals =>				556.17			535.53	96.29%	97.64%	97.68%	95.38%	72	24	5.0031	4.2354	2.0312	
Daily Average =>				556.17			535.53					72	24				
26402	Wednesday, September 07, 2011	6:59	27.04	5.63	23.13	354.98	376.84	22.26	96.23%	98.71%	95.81%	94.57%	3	1	4.562	3.985	2.031
26401	Wednesday, September 07, 2011	6:06	27.50	7.36	22.74	334.37	355.83	21.79	95.80%	98.02%	97.49%	95.56%	3	1	5.231	4.501	2.056
26400	Wednesday, September 07, 2011	5:11	25.87	7.15	21.36	314.79	335.07	20.65	96.66%	98.95%	97.12%	96.10%	3	1	5.364	4.419	2.045
26399	Wednesday, September 07, 2011	4:24	32.19	8.61	26.08	290.74	315.52	25.07	96.15%	97.30%	97.94%	95.30%	3	1	5.312	4.544	1.993
26398	Wednesday, September 07, 2011	3:16	26.10	7.16	21.55	270.89	291.35	20.82	96.61%	97.91%	97.08%	95.05%	3	1	5.258	4.281	2.059
26397	Wednesday, September 07, 2011	2:24	25.95	7.10	21.45	250.86	271.32	20.80	96.95%	97.75%	98.07%	95.87%	3	1	5.296	4.498	2.044
26396	Wednesday, September 07, 2011	1:30	27.53	7.71	22.44	230.04	251.27	21.50	95.81%	98.67%	96.72%	95.43%	3	1	5.148	4.382	2.062
26395	Wednesday, September 07, 2011	0:34	25.52	6.55	21.36	209.97	230.37	20.63	96.55%	96.42%	96.36%	92.91%	3	1	5.179	4.176	2.048
26394	Tuesday, September 06, 2011	23:44	26.16	6.95	21.80	189.52	210.23	20.96	96.11%	97.02%	97.26%	94.36%	3	1	5.309	4.263	2.028
26393	Tuesday, September 06, 2011	22:45	28.27	7.46	23.44	167.50	189.75	22.43	95.69%	96.47%	97.11%	93.68%	3	1	4.981	4.433	2.027
26392	Tuesday, September 06, 2011	21:49	26.16	7.31	21.41	147.26	167.73	20.72	96.78%	97.29%	96.10%	93.50%	3	1	5.292	4.493	2.056
26391	Tuesday, September 06, 2011	20:57	26.21	6.59	22.05	126.53	147.51	21.10	95.69%	97.32%	98.03%	95.40%	3	1	5.052	4.221	2.03
26390	Tuesday, September 06, 2011	20:05	26.08	6.73	21.86	105.80	126.63	20.95	95.84%	96.65%	100.08%	96.73%	3	1	5.14	4.308	2.018
26389	Tuesday, September 06, 2011	19:13	26.12	6.98	21.77	85.40	106.19	20.88	95.93%	97.42%	98.35%	95.81%	3	1	5.109	4.209	2.038
26388	Tuesday, September 06, 2011	18:22	28.28	6.90	23.73	62.63	85.44	22.86	96.33%	97.48%	99.26%	96.76%	3	1	4.772	3.928	2.018
26387	Tuesday, September 06, 2011	17:09	25.76	6.73	21.60	42.01	62.79	20.90	96.76%	97.32%	96.56%	93.97%	3	1	4.848	4.336	2.028
26386	Tuesday, September 06, 2011	16:29	41.99	11.46	33.01	10.77	42.18	31.73	96.11%	98.04%	98.94%	97.00%	3	1	5.319	4.595	2.014
26385	Tuesday, September 06, 2011	14:37	35.38	9.18	28.68	375.64	402.85	27.61	96.27%	96.90%	97.97%	94.93%	3	1	5.414	4.371	2.007
26384	Tuesday, September 06, 2011	13:24	29.27	7.59	24.28	353.80	376.81	23.34	96.13%	98.08%	98.64%	96.74%	3	1	4.694	4.149	2.033
26383	Tuesday, September 06, 2011	12:22	27.74	6.60	23.37	332.61	354.82	22.47	96.16%	97.96%	97.18%	95.20%	3	1	4.723	3.909	2.009
26382	Tuesday, September 06, 2011	11:25	26.48	6.37	22.44	312.03	333.30	21.57	96.11%	98.60%	99.97%	98.57%	3	1	4.406	3.971	2.017
26381	Tuesday, September 06, 2011	10:12	24.95	4.53	22.20	291.51	312.79	21.49	96.78%	95.44%	95.38%	91.03%	3	1	4.188	3.272	2
26380	Tuesday, September 06, 2011	9:21	26.91	7.18	22.41	270.66	292.04	21.65	96.62%	97.71%	97.93%	95.69%	3	1	4.838	4.333	2.051
26379	Tuesday, September 06, 2011	8:21	25.97	6.20	22.02	250.05	271.20	21.39	97.13%	99.95%	98.15%	98.10%	3	1	4.64	4.073	2.036